

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

●ame of work: Estimate for Construction of 1st Floor Library Building in Ward No. 09
(Change of Place to Construction of Library Building at HMT Layout 1st Block in Ward No. 09, Vidyaranyapura Sub Division (Phase – 1).

		Estimate Cost Rs.						2000000.00	
SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplasticiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 Page No. 13 / Item No. 4.11 PWD SR - 2013-14	Cum							
d	Lintel All round		1	79.60	0.20	0.15	2.39		
	cross wall		1	15.10	0.20	0.15	0.45		
	cross wall		1	6.90	0.20	0.15	0.21		
	cross wall		1	5.00	0.20	0.15	0.15		
	Toiltes		2	2.50	0.20	0.15	0.15		
e	Beam		4	24.70	0.30	0.40	11.86		
			5	15.10	0.30	0.40	9.06		
	Verandah		1	9.00	0.30	0.40	1.08		
	Stair room		3	4.50	0.30	0.40	1.62		
f	Roof Slab		1	25.90	16.60	0.15	64.49		
			1	9.00	4.70	0.15	6.35		
			1	3.70	4.70	0.15	2.61		
g	Stair case		2	2.40	1.30	0.15	0.94		
			1	2.10	1.30	0.15	0.41		
			2	1.30	1.30	0.15	0.51		
	steps		20	1.30	0.30	0.10	0.78		
							103.04	5535.32	570365.00
	Basic Rate	5222.00							
	Area Weightage @ 6%	313.32							
	Total	5535.32							

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
2	KSRB 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 19 / Item No. 4.46.2 PWD SR 2013-14 TMT Bars Fe 550	Qntl							
	For Roof, Columns Beams @ 120 Kg / Cum		1.20	103.04			123.65		
							123.65	7381.84	912759.00
	Basic Rate	6964.00							
	Area Weightage @ 6%	417.84							
	Total	7381.84							
3	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification NO. KBS 4.6.2 Page No. 16/ Item No. 4.28 / PWD SR 2013-14	Sqm							
a	Column		10	1.50		5.00	75.00		
			13	1.20		5.00	78.00		
b	column fotting		23	4.00		0.60	55.20		
	Staircase		2	2.40		1.30	6.24		
			1	2.10		1.30	2.73		
			2	1.30		1.30	3.38		
			20	1.30		0.15	3.90		
							224.45	220.48	49487.00
	Basic Rate	208.00							
	Area Weightage @ 6%	12.48							
	Total	220.48							
4	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams , beam haunchings, cantilever girders, bresumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO. KBS 4.6.2 Page No. 17/ Item No. 4.34 / PWD SR 2013-14								
a	Plinth beam		2	79.60		0.30	47.76		
			4	24.30		0.30	29.16		
			6	15.10		0.30	27.18		
b	Verandah		2	8.80		0.30	5.28		
			6	4.50		0.30	8.10		

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
c	Lintel		2	79.60		0.15	23.88		
			2	15.10		0.15	4.53		
			2	6.90		0.15	2.07		
			2	5.00		0.15	1.50		
			2	2.50		0.15	0.75		
d	Beam- Roof		4	24.70		1.10	108.68		
			5	15.10		1.10	83.05		
			1	8.30		1.00	8.30		
			3	3.30		1.00	9.90		
							360.14	239.56	86275.00
	Basic Rate	226.00							
	Area Weightage @ 6%	13.56							
	Total	239.56							
5	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.16 / I.4.29) PWD SR 2013-14	Sqm							
	Roof		1	25.90	16.60		429.94		
	Verandah		1	9.00	4.70		42.30		
	Stair room		1	3.70	4.70		17.39		
							489.63	284.08	139094.00
	Basic Rate	268.00							
	Area Weightage @ 6%	16.08							
	Total	284.08							
6	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17 / Item No. 4.37/ PWD SR 2013-14	Sqm							
	v		2	1.50	0.60		1.80		
							1.80	242.74	437.00
	Basic Rate	229.00							
	Area Weightage @ 6%	13.74							
	Total	242.74							
7	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 123 / Item No. 15.21 / PWD SR -2013-14	Sqm							
	For ceiling		1	24.30	15.10		366.93		
	Verandah		1	8.80	4.50		39.60		
	Stair room FF		1	3.50	4.50		15.75		

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							422.28	163.24	68933.00
	Basic Rate	154.00							
	Area Weightage @ 6%	9.24							
	Total	163.24							
8	KSRB 15.3.11 :Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 123 / Item No. 15.19 / PWD SR 2013-14 (Inside wall)	Sqm							
	Inside wall Hall		2	24.30		3.15	153.09		
			4	15.10		3.15	190.26		
			2	6.90		3.15	43.47		
			2	5.00		3.15	31.50		
			2	2.50		3.15	15.75		
							434.07		
	Deductions - For door Doors		1x0.5	2.00		2.10	2.10		
			1x0.5	1.2.		2.10	1.26		
			2	0.90		2.10	3.78		
			2	0.75		2.10	3.15		
	Windows		23x0.5	1.50		1.35	23.29		
							33.58		
							400.49	199.28	79810.00
	Basic Rate	188.00							
	Area Weightage @ 6%	11.28							
	Total	199.28							
9	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P. 124 / I. 15.33 PWD SR - 2013-14	Sqm							
			Qty Vide Item No. 13+14				822.77	19.08	15698.00
	Basic Rate	18.00							
	Area Weightage @ 6%	1.08							
	Total	19.08							
10	KSRB 15.3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No. 123 / Item No. 15.17 / PWD SR 2013-14 (Out side Wall)	Sqm							
	Out Side		2	24.70		4.20	207.48		
			2	15.50		4.20	130.20		
			1	12.10		3.00	36.30		
							373.98		
	Deductions - For door Doors		1x0.5	2.00		2.10	2.10		
			1x0.5	1.20		2.10	1.26		

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Windows		23x0.5	1.50		1.80	31.05		
							34.41		
							339.57	165.36	56151.00
	Basic Rate	156.00							
	Area Weightage @ 6%	9.36							
	Total	165.36							
11	Sub Total								1979009.00
12	Add 1% for Third party inspection and quality report								19790.00
13	Miscellaneous Charges								1201.00
									2000000.00
								Total	
(Rupees Twenty Lakhs Only)									

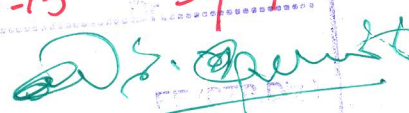
CERTIFICATE

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per PWD SR of 2013-14.
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.


Assistant Engineer


Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division


Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Section for P.D. **20.00 Lakhs**
Twenty Lakhs only
P1771
IS/EE/223/14-15 **31/10/14**


BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, BYATARAYANAPURA DIVISION

Lead Statement for Srinivasapura Dumping Yard for Ward No. 09,
Vidyaranyapura Sub Division.

Lead Distance

1. From BBMP Sub Division office to Devi Circle	1.50 Kms
2. From Devi Circle to Thirumala Daba	2.00 Kms
3. From Thirumala Daba to 3 rd Cross SBI Bank	2.00 Kms
4. From 3 rd Cross SBI Bank to Sheshadripuram College	0.50 Kms
5. From Sheshadripuram College to Police Station	0.80 Kms
6. From Police Station to Kogilu Cross	0.60 Kms
7. From Kogilu Cross to Srinivasapura	4.00 Kms
8. From Srinivasapura to Dumping Yard	<u>0.50 Kms</u>
Total	11.90 Kms

Certificate:

1. Certified that the Srinivasapura Dumping Yard is the approved dumping yard for ward no. 09 BBMP
2. BBMP Sub Division office Vidyaranyapura is taken as the centre place for calculating the lead distance for ward no. 09.
3. The above distance is the shortest distance for calculating the lead.

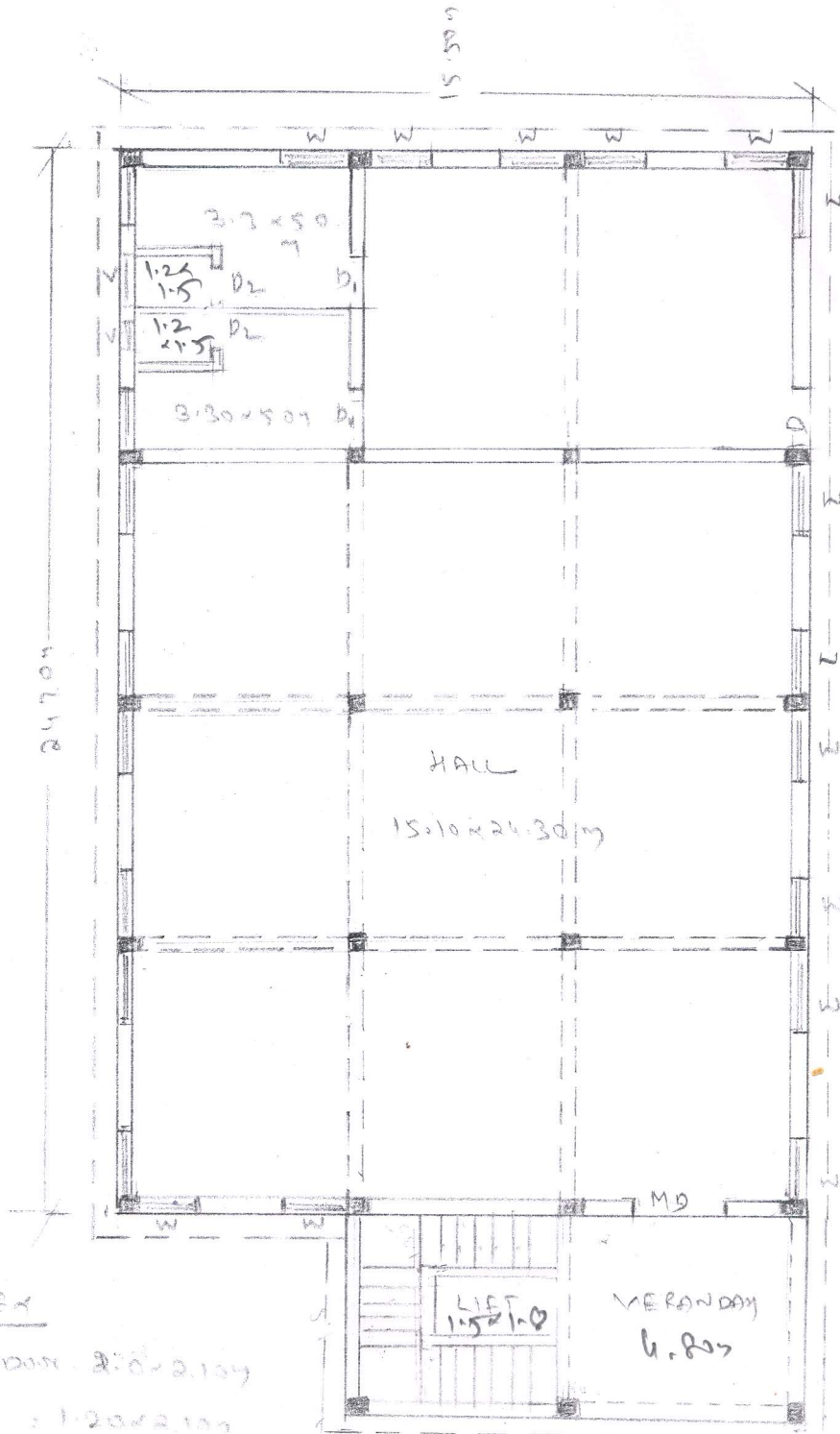

Assistant Engineer
Ward No. 09


Assistant Executive Engineer
Vidyaranyapura Sub Division


Executive Engineer
Byatarayanapura Division

Name of work:- Construction of Laboratory Building at

HMT Ist Block in Ward no. 02 (phn-I)



INDEX

MD : Main Door : 2.70 x 2.10 m

D : Door : 1.20 x 2.10 m

D₁ : Door : 3.90 x 2.10 m

D₂ : Door : 3.75 x 2.10 m

W : Window : 1.80 x 1.80 m

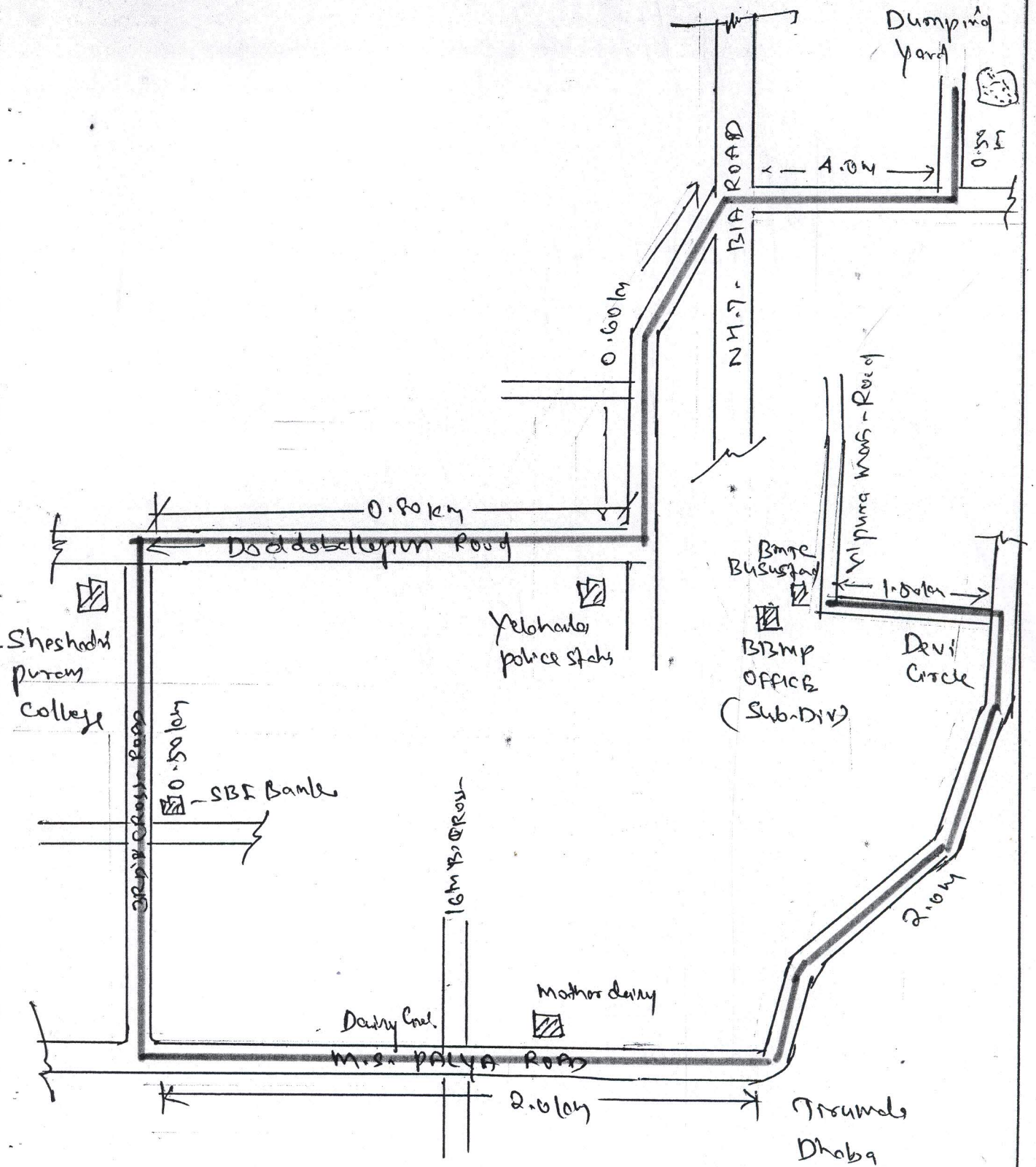
V : Ventilator : 0.90 x 0.60 m

PLAN

for

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕೆ ಪರಿಯ,
ಬಿ. ಬಿ. ಸಿ. ಸಾ. ಬೆಂಗಳೂರು-97.

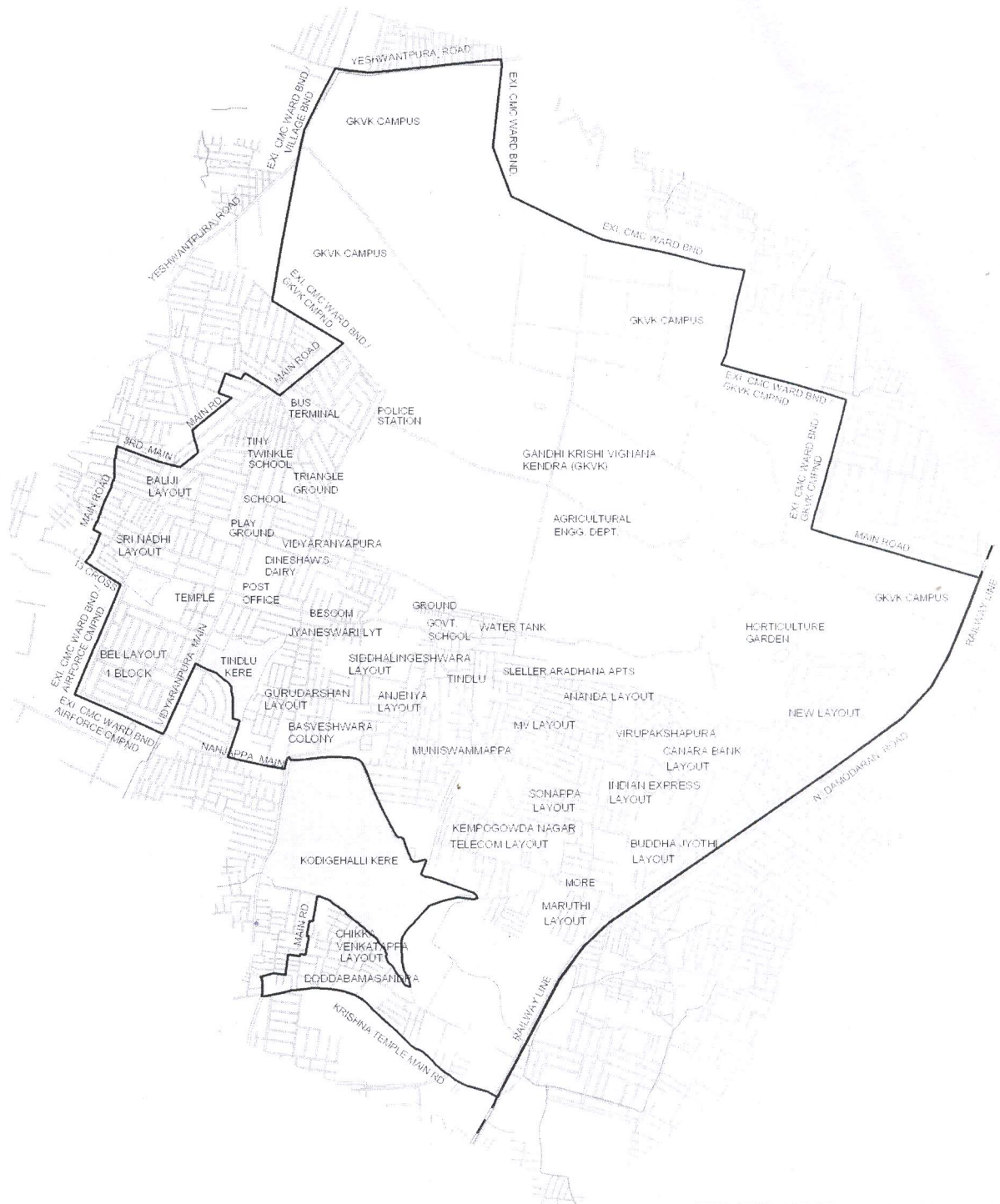
LEAD CHART FOR DUMPING-YARD FOR WARD NO 09



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ವಿಜಯನಗರ ಪುರ ಪಂಚಾಯತ್.
ಯಲಹಂದಿ ಪಾಲಿಕೆ.
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಪಂಚಾಯತ್-97

152 - BYATARAYANAPURA AC
WARD NAME : 9 - VIDYARANYAPURA



INDEX

- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD

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